UNIVERSITY OF QUEENSLAND

Prentice Computer Centre

NEWSLETTER

authorization: Director of the Centre

# 1 A NEW VERSION OF SNOBOL-3

As from 29 September, 1975, a new version of SNOBOL-3 will be
implemented on STD. This version interfaces with Compil in the
conventional manner and use of SNOBOL should be much facilitated
by its introduction. The present version of SNOBOL will remain on
LAN: for a limited period.

This new version is actually made up of two parts, STD:SNOBOL.SHR
which is a command preprocessor and LAN:SNOCMP.SAV which is the
actual Snobol interpreter. There are two purposes in releasing this
new version, the first of which is to create a version which interfaces
properly with Compil and the second is the creation of a version
which uses the current Fortran operating system. The opportunity
has been taken to correct reported problems and to facilitate use
for student exercises, a mark-sense mode of operation has been
introduced.

The standard mark-sense miditran card may be used for program
preparation with this new mode of operation and many jobs may be
stacked up with a deck setup of the form:-
```
$SEQUENCE
$JOB
$DATA /IMAGE:40
parameter card
*JOB
  :
*JOB
  :
end-of-image
$EOD /SNOBOL
.EX/LIST/CDR:(I)
$EOJ
```

Control cards are to be punched on even columns only, according to
Miditran usage.

Naturally, the use of the standard punched card for program preparation is still possible though it is not possible to mix card types within a single run.

Available from the Centre is an amendment sheet and updates to the Snobol manual (MNT-15) which outline in detail the new operating procedures.


2      PREPROCESSOR FOR MIDITRAN STYLE MARK-SENSE CARDS

In some situations it is necessary to create an Ascii file from a Miditran style card deck. The system programs PREPRO and PRE40 are provided for this purpose. These programs (PREPRO for 80 column card image and PRE40 for 40 column even card images) convert an image mode card file to the corresponding Ascii file, retaining the same spooled card reader file name. The Ascii file produced is padded out with trailing blanks to give an 80 character card. The details regarding punching of control cards as given in N-188 for miditran apply to the preprocessor.

Thus to create an ascii file for use by a user program, the following deck might be used.

```
$JOB
$DATA
(Miditran program deck)
end-of-image   (cols. 2 & 80)
$EOD
.R PRE40
.RUN  (my prog)    ; (expects CDR: input)
```

This version of PREPRO and PRE40 is to be transferred to STD: on Monday 29 September, 1975.


3      SPSS UPDATE MANUALS

The following manuals have been reduced in price.

SPSS Update Manual, April 1971:        $1.00
SPSS Update Manual, April 1972:        $1.00
SPSS Update Manual, July 1973:         $1.00

These manuals are updates to

    NIE N., BENT D.H. and HULL C.H.
    "SPSS Statistical Package for the Social Sciences"
    McGraw-Hill, USA (1970)

These revisions are sold separately for the convenience of those who may already have earlier sections.

## 4     DELETION OF OLD VERSIONS OF SYSTEM SOFTWARE

The following items of software, all of which have been superceded
by later versions, or whose functions have been taken over by other
programs, have been deleted from system areas.

```
BAKWDS             transferred to OLD:
REREAD             superceded by PREPRO & PRE40
OLD:COBOL & COBDDT     superceded
OLD:CALCMP.REL   superceded
OLD:LIB40.REL    superceded
```

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